

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	18618	glass and ((SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz) and (TiO2 or "TiO.sub.2" or TiO2 or "TiO.sub.2" or titania or titanium) and (Na2O or "Na.sub.2 O" or "Na.sub.2O" or Na2O or "Na.sub.2 O" or "Na.sub.2O" or sodo or soda or sodium)) and ((B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) or (Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum) or (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 O" or "Li.sub.2O" or Lithia or lithium) or (K2O or "K.sub.2 O" or "K.sub.2O" or K2O or "K.sub.2 O" or "K.sub.2O" or potash or potassium) or (Rb2O or "Rb.sub.2 O" or "Rb.sub.2O" or Rb2O or "Rb.sub.2 O" or "Rb.sub.2O" or rubidia or rubidium) or (Cs2O or "Cs.sub.2 O" or "Cs.sub.2O" or Cs2O or "Cs.sub.2 O" or "Cs.sub.2O" or cesia or cesium) or (MgO or Mg0 or Magnesium) or (CaO or Ca0 or calcium or calico or calcia or lime) or (SrO or Sr0 or strontium or stronia) or (BaO or Ba0 or barium or baria)) and laser	US-PGPUB; USPAT	OR	ON	2007/09/10 01:09

## EAST Search History

L2	37	glass and ((SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz) and (TiO2 or "TiO.sub.2" or TiO2 or "TiO.sub.2" or titania or titanium) and (Na2O or "Na.sub.2 O" or "Na.sub.2O" or Na2O or "Na.sub.2 O" or "Na.sub.2O" or sodo or soda or sodium)) and ((B2O3 or "B.sub.2 O. sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or boron or borio or boro or boron) or (Al2O3 or "Al.sub.2 O.sub.3" or "Al. sub.2O.sub.3" or Al2O3 or "Al.sub.2 O. sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum) or (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 O" or "Li.sub.2O" or Lithia or lithium) or (K2O or "K.sub.2 O" or "K.sub.2O" or K2O or "K.sub.2 O" or "K.sub.2O" or potash or potassium) or (Rb2O or "Rb. sub.2 O" or "Rb.sub.2O" or Rb2O or "Rb.sub.2 O" or "Rb.sub.2O" or rubidia or rubidium) or (Cs2O or "Cs.sub.2 O" or "Cs.sub.2O" or Cs2O or "Cs.sub.2 O" or "Cs.sub.2O" or cesia or cesium) or (MgO or Mg0 or Magnesium) or (CaO or Ca0 or calcium or calico or calcia or lime) or (SrO or Sr0 or strontium or stronia) or (BaO or Ba0 or barium or baria)) and laser	USOCR	OR	ON	2007/09/10 01:09
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## EAST Search History

L3	47	glass and ((SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz) and (TiO2 or "TiO.sub.2" or TiO2 or "TiO.sub.2" or titania or titanium) and (Na2O or "Na.sub.2 O" or "Na.sub.2O" or Na2O or "Na.sub.2 0" or "Na.sub.20" or sodo or soda or sodium)) and ((B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 0.sub.3" or "B.sub.20.sub.3" or boron or borio or boro or boron) or (Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al2O3 or "Al.sub.2 0.sub.3" or "Al.sub.20.sub.3" or alumina or aluminum) or (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 0" or "Li.sub.20" or Lithia or lithium) or (K2O or "K.sub.2 O" or "K.sub.2O" or K2O or "K.sub.2 0" or "K.sub.20" or potash or potassium) or (Rb2O or "Rb.sub.2 O" or "Rb.sub.2O" or Rb2O or "Rb.sub.2 0" or "Rb.sub.20" or rubidia or rubidium) or (Cs2O or "Cs.sub.2 O" or "Cs.sub.2O" or Cs2O or "Cs.sub.2 0" or "Cs.sub.20" or cesia or cesium) or (MgO or Mg0 or Magnesium) or (CaO or Ca0 or calcium or calico or calcia or lime) or (SrO or Sr0 or strontium or stronia) or (BaO or Ba0 or barium or baria)) and laser	EPO; JPO; DERWENT	OR	ON	2007/09/10 01:09
S1	9	koyo-Hirotaka.in.	US-PGPUB; USPAT	OR	ON	2007/09/09 17:46
S2	60	tsunetomo-Keiji.in.	US-PGPUB; USPAT	OR	ON	2007/09/09 17:46

## EAST Search History

S4	947	501/55,65,72,66,68,69.ccls. and ((SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz) and (TiO2 or "TiO.sub.2" or TiO2 or "TiO.sub.2" or titania or titanium) and (Na2O or "Na.sub.2 O" or "Na.sub.2O" or Na2O or "Na.sub.2 0" or "Na.sub.20" or sodo or soda or sodium)) and ((B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 0.sub.3" or "B.sub.20.sub.3" or boron or borio or boro or boron) or (Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al2O3 or "Al.sub.2 0.sub.3" or "Al.sub.20.sub.3" or alumina or aluminum) or (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 0" or "Li.sub.20" or Lithia or lithium) or (K2O or "K.sub.2 O" or "K.sub.2O" or K2O or "K.sub.2 0" or "K.sub.20" or potash or potassium) or (Rb2O or "Rb.sub.2 O" or "Rb.sub.2O" or Rb2O or "Rb.sub.2 0" or "Rb.sub.20" or rubidia or rubidium) or (Cs2O or "Cs.sub.2 O" or "Cs.sub.2O" or Cs2O or "Cs.sub.2 0" or "Cs.sub.20" or cesia or cesium) or (MgO or Mg0 or Magnesium) or (CaO or Ca0 or calcium or calico or calcia or lime) or (SrO or Sr0 or strontium or stronia) or (BaO or Ba0 or barium or baria))	US-PGPUB; USPAT	OR	ON	2007/09/09 17:56
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## EAST Search History

S5	132	501/55,65,72,66,68,69.ccls. and ((SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz) and (TiO2 or "TiO.sub.2" or TiO2 or "TiO.sub.2" or titania or titanium) and (Na2O or "Na.sub.2 O" or "Na.sub.2O" or Na2O or "Na.sub.2 0" or "Na.sub.20" or sodo or soda or sodium)) and ((B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 0.sub.3" or "B.sub.20.sub.3" or boron or borio or boro or boron) or (Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al2O3 or "Al.sub.2 0.sub.3" or "Al.sub.20.sub.3" or alumina or aluminum) or (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 0" or "Li.sub.20" or Lithia or lithium) or (K2O or "K.sub.2 O" or "K.sub.2O" or K2O or "K.sub.2 0" or "K.sub.20" or potash or potassium) or (Rb2O or "Rb.sub.2 O" or "Rb.sub.2O" or Rb2O or "Rb.sub.2 0" or "Rb.sub.20" or rubidia or rubidium) or (Cs2O or "Cs.sub.2 O" or "Cs.sub.2O" or Cs2O or "Cs.sub.2 0" or "Cs.sub.20" or cesia or cesium) or (MgO or Mg0 or Magnesium) or (CaO or Ca0 or calcium or calico or calcia or lime) or (SrO or Sr0 or strontium or stronia) or (BaO or Ba0 or barium or baria)) and laser	US-PGPUB; USPAT	OR	ON	2007/09/10 01:08
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## EAST Search History

S6	66	501/55,65,72.ccls. and ((SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz) and (TiO2 or "TiO.sub.2" or TiO2 or "TiO.sub.2" or titania or titanium) and (Na2O or "Na.sub.2 O" or "Na.sub.2O" or Na2O or "Na.sub.2 0" or "Na.sub.20" or sodo or soda or sodium)) and ((B2O3 or "B.sub.2 O.sub.3" or "B.sub.2O.sub.3" or B2O3 or "B.sub.2 0.sub.3" or "B.sub.20.sub.3" or boron or borio or boro or boron) or (Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al2O3 or "Al.sub.2 0.sub.3" or "Al.sub.20.sub.3" or alumina or aluminum) or (Li2O or "Li.sub.2 O" or "Li.sub.2O" or Li2O or "Li.sub.2 0" or "Li.sub.20" or Lithia or lithium) or (K2O or "K.sub.2 O" or "K.sub.2O" or K2O or "K.sub.2 0" or "K.sub.20" or potash or potassium) or (Rb2O or "Rb.sub.2 O" or "Rb.sub.2O" or Rb2O or "Rb.sub.2 0" or "Rb.sub.20" or rubidia or rubidium) or (Cs2O or "Cs.sub.2 O" or "Cs.sub.2O" or Cs2O or "Cs.sub.2 0" or "Cs.sub.20" or cesia or cesium) or (MgO or Mg0 or Magnesium) or (CaO or Ca0 or calcium or calico or calcia or lime) or (SrO or Sr0 or strontium or stronia) or (BaO or Ba0 or barium or baria)) and laser	US-PGPUB; USPAT	OR	ON	2007/09/09 17:57
S7	1	"4444893".pn.	US-PGPUB; USPAT	OR	ON	2007/09/09 17:57
S8	2	"6262389".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2007/09/09 17:57
S9	2	"20030045420".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2007/09/09 17:58
S10	2	"20030100431".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2007/09/09 17:58
S11	2	"20030217568".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2007/09/09 18:22
S12	2	DE-4306004-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/09 17:58

## EAST Search History

S13	2	Jp-11217237-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/09 18:33
S14	2	"7217448".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2007/09/09 18:23
S15	11	("4367919" "5300467" "6376402" "3898093" "6451720").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/09 18:34
S16	1	2000-499916.NRAN.	DERWENT	OR	ON	2007/09/09 18:41